Title (en)

METHOD AND SYSTEM FOR ASSISTING INSTALLATION OF ELEMENTS IN A CONSTRUCTION WORK

Title (de)

VERFAHREN UND SYSTEM ZUR UNTERSTÜTZUNG DER INSTALLATION VON ELEMENTEN IN EINEM BAUWERK

Title (fr)

PROCÉDÉ ET SYSTÈME D'AIDE À L'INSTALLATION D'ÉLÉMENTS DANS UN TRAVAIL DE CONSTRUCTION

Publication

EP 3374934 A1 20180919 (EN)

Application

EP 15880670 A 20151201

Priority

IB 2015002653 W 20151201

Abstract (en)

[origin: WO2017093779A1] The method involves projecting layout information on a working surface of a construction work. The projected layout information is obtained from a model, such as a Building Information Model (BIM), of a portion at least of the construction work. It includes first graphical information depicting a reference feature visible on the working surface, and second graphical information designating locations for installation of construction elements. The locations are linked, in the model, to the reference feature depicted by the first graphical information. In response to a user action of selecting the first graphical information and a geometric transformation, the projected first graphical information and second graphical information are shifted together in accordance with the selected transformation.

IPC 8 full level

G06Q 10/00 (2012.01); **G06Q 50/08** (2012.01)

CPC (source: EP US)

G01C 15/02 (2013.01 - EP US); **G06F 3/03542** (2013.01 - US); **G06F 3/04842** (2013.01 - US); **G06F 3/04845** (2013.01 - US); **G06F 30/13** (2020.01 - US); **G06Q 10/00** (2013.01 - EP US); **G06Q 50/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2017093779A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017093779 A1 20170608; AU 2015416255 A1 20180614; CA 3006164 A1 20170608; EP 3374934 A1 20180919; IL 259699 A 20180731; SG 11201804559Q A 20180628; US 10824312 B2 20201103; US 2019235733 A1 20190801

DOCDB simple family (application)

IB 2015002653 W 20151201; AU 2015416255 A 20151201; CA 3006164 A 20151201; EP 15880670 A 20151201; IL 25969918 A 20180530; SG 11201804559Q A 20151201; US 201515777555 A 20151201